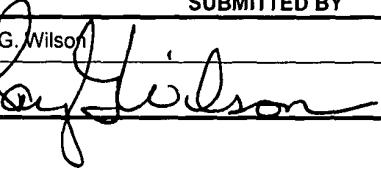


17497 U.S. PTO
10/665455
09/18/03

UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No.: S-100,654 First Inventor or Application Identifier: Arlene A. Wise Title: DETECTION OF PHENOLS USING ENGINEERED BACTERIA Express Mail Label No.: EJ425247045US
APPLICATION ELEMENTS		ADDRESS TO: Commissioner for Patents Mail Stop Patent Application PO Box 1450 Alexandria, VA 22313-1450
1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g. PTO/SB/17) <i>(submit an original and a duplicate for fee processing)</i> 2. <input checked="" type="checkbox"/> Applicant claims small entity status. <i>See 37 CFR 1.27.</i> 3. <input checked="" type="checkbox"/> Specification [Total Pages: 30] <input checked="" type="checkbox"/> Descriptive title of the Invention <input checked="" type="checkbox"/> Cross References to Related Applications <input checked="" type="checkbox"/> Statement Regarding Fed sponsored R&D <input checked="" type="checkbox"/> Reference to sequence listing, a table or a computer program listing appendix <input checked="" type="checkbox"/> Background of the Invention <input checked="" type="checkbox"/> Brief Description of the Drawings (if filed) <input checked="" type="checkbox"/> Detailed Description <input checked="" type="checkbox"/> Claim(s) <input checked="" type="checkbox"/> Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawings(s) (35 U.S.C.113) [Total Sheets: 7] <input checked="" type="checkbox"/> Formal <input type="checkbox"/> Informal 5. <input type="checkbox"/> Declaration & Power of Attorney <i>[Total Pages:]</i> a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R.§.63(d)) <i>(for continuation/divisional with Box 16 completed)</i> c. <input type="checkbox"/> DELETION OF INVENTOR(S) <i>Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33 (b).</i>		6. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 7. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statement verifying identity of above copies
ACCOMPANYING APPLICATION PARTS		
8. <input type="checkbox"/> Assignment Papers (cover sheet & documentation) 9. <input type="checkbox"/> 37 C.F.R.§3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i> 10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 11. <input checked="" type="checkbox"/> Preliminary Amendment 12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(should be specifically itemized)</i> 13. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 14. <input type="checkbox"/> Nonpublication Request and Certification Under 35 U.S.C. 122(b)(2)(b)(i) 15. <input checked="" type="checkbox"/> Other: Transmittal, Letter Pursuant to 37CFR 1.821(e)		
16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment: <input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application S.N. 09/520,538. Prior application information: Examiner: David J. Steadman Group/Art Unit: 1652		
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.		
16. CORRESPONDENCE ADDRESS		
<input checked="" type="checkbox"/> Customer Number OR <input type="checkbox"/> Correspondence Address Below 35068 <i>(Insert Customer No. or Attach Bar Code Label here)</i>		
Name: Kenneth K. Sharples Address: Los Alamos National Laboratory, LC/IP, MS A187 City: Los Alamos State: New Mexico Zip Code: 87545 Country: United States Telephone: (505) 667-0304 Fax: (505) 665-4424		
Name: Kenneth K. Sharples		Registration No.: 35,355
Signature:		Date: September 18, 2003

FEE TRANSMITTAL For FY 2003		Complete if Known Application Number: Filing Date: First Named Inventor: Examiner Name: Group/Art Unit: Attorney Docket No.:																																																																																																																																					
<small>Patent fees are subject to annual revision (submit an original and a duplicate for fee processing)</small>		S-100,654																																																																																																																																					
METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																																					
1. <input checked="" type="checkbox"/> The commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: 12-2150 Deposit Account Name: Los Alamos National Laboratory <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 C.F.R. 1.16 and 1.17 <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 15%;">Large Entity Fee</th> <th style="text-align: left; width: 15%;">Small Entity Fee</th> <th style="text-align: left; width: 60%;">Fee Description</th> <th style="text-align: right; width: 10%;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>\$130</td><td>\$65</td><td>Surcharge – late filing fee or oath</td><td></td></tr> <tr><td>\$50</td><td>\$25</td><td>Surcharge – late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>\$2,520</td><td>\$2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>\$110</td><td>\$55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>\$410</td><td>\$205</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>\$930</td><td>\$465</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>\$1,450</td><td>\$725</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>\$1,970</td><td>\$985</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>\$320</td><td>\$160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>\$320</td><td>\$160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>\$280</td><td>\$140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>\$110</td><td>\$55</td><td>Petition to revive – unavoidable</td><td></td></tr> <tr><td>\$110</td><td>\$55</td><td>Terminal Disclaimer</td><td></td></tr> <tr><td>\$1,300</td><td>\$650</td><td>Petition to revive – unintentional</td><td></td></tr> <tr><td>\$130</td><td>\$130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>\$ 50</td><td>\$50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>\$ 180</td><td>\$180</td><td>Submission of Information Disclosure Statement</td><td></td></tr> <tr><td>\$750</td><td>\$375</td><td>Filing a submission after final rejection (37 CFR 1.129 (a))</td><td></td></tr> <tr><td>\$750</td><td>\$375</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>\$100</td><td>\$100</td><td>Certificate of Correction</td><td></td></tr> <tr><td>\$300</td><td>\$300</td><td>Publication fee for early, voluntary, or normal publication</td><td></td></tr> <tr><td>\$750</td><td>\$375</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td colspan="2">Other fee (specify) _____</td><td colspan="2"></td></tr> <tr> <td colspan="2" style="text-align: right;">SUBTOTAL (1) \$375.00</td> <td colspan="2" style="text-align: right;">\$</td> </tr> <tr> <td colspan="2" style="text-align: right;">** or number previously paid, if greater; For Reissues, see below</td> <td colspan="2"></td> </tr> <tr> <td colspan="2"> Large Entity Fee Fee Small Entity Fee \$18 \$9 Fee Description Claims in excess of 20 \$84 \$42 Independent claims in excess of 3 \$280 \$140 Multiple dependent claim, if not paid. \$84 \$42 ** Reissue independent claims over original patent \$18 \$9 ** Reissue claims in excess of 20 and over original patent </td> <td colspan="2"> Extra Claims Below Total Claims 17-20** = X 9 = Independent 9-3 ** = 6 X 42 = 252.00 Claims Multiple Dependent = .00 </td> </tr> <tr> <td colspan="2" style="text-align: right;">SUBTOTAL (2) \$252.00</td> <td colspan="2" style="text-align: right;">\$</td> </tr> <tr> <td colspan="2" style="text-align: right;">Reduced by Basic Filing Fee Paid</td> <td colspan="2"></td> </tr> <tr> <td colspan="2" style="text-align: right;">SUBTOTAL FROM 1</td> <td colspan="2" style="text-align: right;">\$375.00</td> </tr> <tr> <td colspan="2" style="text-align: right;">SUBTOTAL FROM 2</td> <td colspan="2" style="text-align: right;">\$252.00</td> </tr> <tr> <td colspan="2" style="text-align: right;">SUBTOTAL FROM 3</td> <td colspan="2" style="text-align: right;">\$.00</td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL AMOUNT OF PAYMENT</td> <td colspan="2" style="text-align: right;">\$627.00</td> </tr> </tbody></table>		Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid	\$130	\$65	Surcharge – late filing fee or oath		\$50	\$25	Surcharge – late provisional filing fee or cover sheet		\$2,520	\$2,520	For filing a request for reexamination		\$110	\$55	Extension for reply within first month		\$410	\$205	Extension for reply within second month		\$930	\$465	Extension for reply within third month		\$1,450	\$725	Extension for reply within fourth month		\$1,970	\$985	Extension for reply within fifth month		\$320	\$160	Notice of Appeal		\$320	\$160	Filing a brief in support of an appeal		\$280	\$140	Request for oral hearing		\$110	\$55	Petition to revive – unavoidable		\$110	\$55	Terminal Disclaimer		\$1,300	\$650	Petition to revive – unintentional		\$130	\$130	Petitions to the Commissioner		\$ 50	\$50	Petitions related to provisional applications		\$ 180	\$180	Submission of Information Disclosure Statement		\$750	\$375	Filing a submission after final rejection (37 CFR 1.129 (a))		\$750	\$375	For each additional invention to be examined (37 CFR 1.129(b))		\$100	\$100	Certificate of Correction		\$300	\$300	Publication fee for early, voluntary, or normal publication		\$750	\$375	Request for Continued Examination (RCE)		Other fee (specify) _____				SUBTOTAL (1) \$375.00		\$		** or number previously paid, if greater; 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SUBMITTED BY			Complete (if applicable)	
Printed Name:	Ray G. Wilson		Reg. No.	28,351
Signature:			Date:	09/18/03
			Telephone	(505) 665-3112